

8. (Amended) The method of Claim 6, wherein the water comprises steam under pressure.

D3
SUB 1
9. (Amended) The method of Claim 6, wherein the dilute hydrogen peroxide solution has a concentration less than or equal to 10 wt.% based on the total weight of the catalyst.

D4
SUB 1
11. (Amended) In a process for oxidation of an unsaturated hydrocarbon with molecular oxygen in the presence of hydrogen in the gas phase, the improvement comprising performing the oxidation in the presence of the regenerated catalyst of Claim 10.

Please add the following claim:

13. The method of Claim 6, wherein the dilute acid has a pH of 5.5 to 6.0.--
13-4
SUB 1
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